

Model: HTS-100 Series

100W Single Output Switching Power Supply

- ✓ AC Input Range Selectable By Switch
- ✓ Low Cost, High Reliability
- ✓ Low Power Consumption
- ✓ Built-In EMI Filter
- ✓ Protections: Over Load/ Short Circuit
- ✓ 100% Full Load High Temperature Burn-in Test
- ✓ 1 Years Warranty



Input Voltage Range.....85~132VAC/ 180~264VAC Selectable By Switch

Input Frequency.....47-63Hz

Inrush Current.....Cold Start, 25A/ 115VAC, 50A/ 230VAC

Output Adjustment Range.....±10% Rated Output Voltage

Line Regulation.....≤0.5%

Output Over Load Protection.....105%~150% Shut Off, AC Recycle To Re-Start

Output Short Circuit Protection...Shut Off, AC Recycle To Re-Start

Rise, Hold Up Time.....80mS, 20mS at Full Load (Typical)

Hi-pot Isolation.....I/P-O/P, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC

Operating Temperature Range.....0°C to +50°C@100%, -10°C@80%, +60°C@60% Load

Storage Temperature Range.....-40°C to +85°C, 0 to 95%RH (Non-Condensing)

Safety Standards.....Design Refer To UL1012

EMC standards.....Design Refer To FCC Part 15 J

Cooling Method.....Free Air Cooling Convection

Weight.....0.62Kgs/pcs

Product model	DC output	Load regul.	R&N	Efficiency
HTS-100-3.3	3.3V, 0~20A	1%	75mV	71%
HTS-100-5	5V, 0~20A	1%	75mV	79%
HTS-100-7.5	7.5V, 0~13.6A	1%	75mV	81%
HTS-100-9	9V, 0~11A	1%	90mV	81%
HTS-100-12	12V, 0~8.5A	0.5%	100mV	82%
HTS-100-13.5	13.5V, 0~7.4A	0.5%	100mV	82%
HTS-100-15	15V, 0~6.7A	0.5%	100mV	82%
HTS-100-24	24V, 0~4.5A	0.5%	100mV	85%
HTS-100-27	27V, 0~3.7A	0.5%	100mV	85%
HTS-100-48	48V, 0~2A	0.5%	100mV	85%